ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF 8 PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER: 06/22/06	2. CONTRACT NO. (If any): 68-S7-03-04
3. ORDER NO.: 0036	4. REQUISITION/REFERENCE NO.: PR-R7-06-10389
5. ISSUING OFFICE (Address correspondence to): U.S. EPA Region VII ECL-110	

7. TO:

a. NAME OF CONTRACTOR: PARAMETRIX, INC.

b. COMPANY NAME:

c. STREET ADDRESS: 1231 FRYAR AVENUE P.O. BOX 460

d. CITY	e. STATE	f. ZIP CODE
Sumner	WA	98390

6. SHIP TO:

a. NAME OF CONSIGNEE: WILLIAM D. ADAMS, TOPO

b. STREET ADDRESS: 1200 SIXTH AVENUE ECL-110

c. CITY	d. STATE	e. ZIP CODE
SEATTLE	WA	98101

f. SHIP VIA:

8. TYPE OF ORDER

[ ] a. PURCHASE REFERENCE YOUR: _____

Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.

[X] b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and contitions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA: See Attached

10. REQUISITIONING OFFICE: Same as Block 6

11. BUSINESS CLASSIFICATION (Check appropriate box(es))

[X] a. SMALL [ ] b. OTHER THAN SMALL [ ] c. DISADVANTAGED [ ] d. WOMEN OWNED

12. F.O.B. POINT	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
Same as Block 6			N/A

13. PLACE OF

a. INSPECTION	b. ACCEPTANCE
Same as Block 6	Same as Block 6

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Contracting Officer, James Price, gave verbal approval to proceed with a site visit on June 20, 2006. The site visit will be used to facilitate the preparation of the work plan & budget in accordance with the attached statement of work. This task order provides an incremental funding ceiling of $15,000 to cover the estimated cost of the site visit. This funding ceiling shall not be exceeded without the written consent of a contracting officer.					

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		
				17(h). TOT. (Cont. pages)

21. MAIL INVOICE TO:

SEE BILLING INSTRUCTIONS ON REVERSE

a. NAME: Environmental Protection Agency

b. STREET ADDRESS (or P.O. Box): Research Triangle Park Financial Management Center (D143-02)

c. CITY	d. STATE	e. ZIP CODE		
Research Triangle Park	NC	27711	$15,000.00	17(i). GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature): John L Phillips

23. NAME (Typed): JOHN L. PHILLIPS

TITLE: CONTRACTING/ORDERING OFFICER

NSN 7540-01-152-8083
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 347 (REV. 6/95)
Prescribed by GSA/FAR 48 CFR 53.213(e)

036-NA-RV-105B - Jack Waite Mine Site

Contract: 68-S7-03-04, Task Order: 0036 Lead PR Number: PR-R7-06-10389

Summary Information

Title:		036-NA-RV-105B - Jack Waite Mine Site
Period of Performance:	From:	06/20/06
	To:	12/31/07
Award Date:		06/20/06
Total Funding:		$15,000.00

Accounting/Appropriation Data

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	QNC059	06	T	0AQ0E	302DC6C	105BRV03	C011	2505	$15,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2006 - QNC059	Cost Ceiling	$15,000.00
	Total:	$15,000.00

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: WILLIAM D. ADAMS
1200 SIXTH AVENUE
SEATTLE, WA 98101

Mail Code: ECL-110
Phone Number: 206-553-2806
Fax Number: 206-553-0124
E-Mail Address: adams.bill@epa.gov

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ELIZABETHMAE PENDLETON
1200 SIXTH AVENUE
SEATTLE, WA 98101

Mail Code: ECL-110
Phone Number: 206-553-2586
Fax Number: 206-553-0124
E-Mail Address: pendleton.elizabeth@epa.gov

Attachments

Attachment Name
036-NA-RV-105B - Statement of Work

Task Order Totals

Category	POP	Amount
Cost Ceiling	Base Pd.	$15,000.00

AES Contract - Statement of Work Remedial Design
Jack Waite Mine

I. PURPOSE

The purpose of this task order is for the development of a remedial design at the Jack Waite Mine in the Tributary Creek drainage located in Shoshone County, Idaho. The design shall be based on the preferred alternative (Alternative #3) in the Engineering Evaluation/Cost Analysis (EE/CA).

II. BACKGROUND

An EE/CA was completed in July 2005 pursuant to an Administrative Order between the U.S. Department of Agriculture Forest Service (USFS), ASARCO Incorporated, and the Jack Waite Mining Company. The site is located along Tributary Creek in the east fork of the Eagle Creek drainage at township 50 north, range 5 east, sections 13 and 24 as well as township 50 north, range 6 east, section 19. The site consists of public land administered by the USFS and patented mining claims owned by the Jack Waite Mining Company. The Site includes several mine adits, a shaft, associated waste rock piles, four tailings impoundments, and scattered areas of discarded materials and debris. Key features at the Site include the 1500-level adit, the four tailings impoundments, the mill site, and waste rock piles at the 1500-lelve adit, adjacent the mill site, and adjacent to one of the tailings piles. As part of the EE/CA, a streamlined human health risk evaluation and a streamlined ecological risk evaluation were performed. The primary chemicals of potential concern include lead, zinc, and cadmium.

The EE/CA evaluated five removal actions to address the tailings piles, the mill site, fluvial deposits, and the adit. Alternative 3 is the preferred alternative (with several tailings pile options to be determined during final design) and consist of in-place closure of tailings with partial consolidation of tailings and waste rock. This alternative also includes installation of up gradient subsurface and re-routing Tributary Creek.

The attached EE/CA provides complete details on the site including previous investigative work and the alternatives evaluated.

III. GENERAL

This is a fixed rate or fixed price task order requiring the Contractor to propose the most appropriate and cost-effective procedures and methodologies using accepted engineering practices and controls. Throughout the performance on this task order, the Contractor will be responsible for performing services and providing products using the most cost-efficient mix of qualified personnel applicable to meet the needs of the task order.

The Remedial Design stage includes the development of the actual design of the selected remedy. The contractor shall furnish personnel, services, materials and equipment required to prepare detailed plans, drawings and specifications for Remedial Actions. All activities shall be in conformance with the preferred remedy selected in the EE/CA and removal action selected and set forth in the Action Memorandum, or otherwise directed by EPA. The following work breakdown structure shall be used for project scoping, scheduling, technical and cost tracking and reporting.

Grey-scaled tasks are not required at this time.

IV. TASKS

TASK 1 PROJECT PLANNING AND SUPPORT (PP)

This task includes work efforts related to project initiation and support. Typical activities the contractor may be tasked to perform include but are not limited to:

1.1 Develop work plan and associated cost estimate (for work plan changes only).
1.2 Negotiate work plan and make necessary revisions as a result of EPA comments and/or negotiated agreements (for work plan changes only).

1.3 Perform site specific project management (monitor costs, prepare Monthly Progress Report and Invoice).

TASK 2 COMMUNITY RELATIONS (CR)

This task includes work efforts related to period meetings and fact sheet preparation. When attending public meetings and open houses, contractor employees must identify themselves as employees of an EPA contractor. Typical activities the contractor may be tasked to perform include but are not limited to:

2.1 Update Community Relations Plan (CRP) as directed by EPA WAM.
2.2 Prepare fact sheets.
2.3 Prepare or update site mailing list.
2.4 Provide public meeting and/or open house support.
2.5 Implementation of other Community Relations activities as identified by the site specific Community Relations Plan or EPA.
2.6 Prepare presentation materials.

TASK 3 FIELD INVESTIGATION/DATA ACQUISITION (FI)

This task includes work efforts to acquire additional data to support Remedial Design activities. The results of this effort as well as previous studies shall be used to define contaminant levels, other physical/chemical properties, and volume. Typical activities the contractor may be tasked to perform include but are not limited to:

3.1 Environmental Survey.
3.2 Mobilization/Demobilization.
3.3 Test Boring and Monitoring Well Installation and Development.
3.4 Soil Boring, Drilling, and Testing.
3.5 Environmental Sampling.
- groundwater sampling.
- surface soil sampling.
- soil boring/permeability sampling.
- surface water and sediment sampling.
- Air monitoring.

3.6 Physical/Chemical Testing (for treatment, handling or disposal).
3.7 Field generated waste characterization and disposal in accordance with Local, State and Federal Regulations.
3.8 As directed by EPA Prepare a Field Sampling Plan (FSP) that describes the number, type, and location of samples and type of analyses. Reference the RI/FS FSP as much as practicable. Prepare a Quality Assurance Project Plan (QAPP) in accordance with EPA QA/R-5 (latest draft/revision). Reference RI/FS QAPP as much as practicable.

Prepare a site specific Health and Safety Plan (HSP) that specifies employee training, protective equipment, medical surveillance requirements, standard operating procedures and a contingency plan in accordance with 29 CFR 1910.120 (l)(1) and (l)(2). Reference RI/FS HSP as much as practicable.

TASK 4 SAMPLE ANALYSIS (SN)

This task includes the analysis of environmental and waste samples. The contractor may utilize or be directed to utilize a variety of mechanisms to implement this task including: field screening using mobile facilities or field portable equipment, the Contract Laboratory Program (CLP), laboratories procured under subpool or Team subcontracts, the Regional Office of Environmental Assessment, the Environmental Response Team (ERT) laboratory, or Regionally procured laboratories.

This task consists exclusively of performance of sample analyses and production of analytical data.

TASK 5 ANALYTICAL SUPPORT AND DATA VALIDATION

This task includes work efforts involved in scheduling, coordination, tracking, and oversight of sample analyses and validation of analytical data produced. Typical activities the contractor may be tasked to perform include but are not limited to:

5.1 Collect, prepare, and ship environmental samples in accordance with the Field Sampling Plan (FSP) (developed under Task 1). The following types of sampling may be required:
- Field screening.
- Groundwater sampling.
- Surface and subsurface soil sampling.
- Surface water and sediment sampling.
- Air monitoring and sampling.
- Biota sampling.
- Other types of media sampling and screening.

5.2 Develop Data Quality Objectives (DQO) for each sampling event; these DQOs shall be the determinative factor for assessing the success or failure of the sampling.
5.3 Request, obtain, and perform oversight of analytical services in compliance with EPA requirements.
5.4 Coordinate with the EPA Sample Management Office (SMO), the Regional Sample Control Coordinator (RSCC), and/or the Environmental Services Division (ESD) regarding analytical, data validation, and quality assurance issues.
5.5 Implement the EPA-approved laboratory quality assurance program which provides oversight of in-house and subcontracted laboratories through periodic performance evaluation sample analyses and/or on-site audits of operations and has a system of corrective actions.
5.6 Provide sample management including chain-of custody procedures, information management, sample retention, and 10-year data storage.
5.7 Perform data validation, the process by which the quality of the data, the defensibility of the data, and the chain of custody are verified. The contractor shall perform data validation in accordance with Regional guidelines.
5.8 Review data for usability for its intended purpose.
5.9 Provide reports on data validation and usability.

TASK 6 DATA EVALUATION

This task includes work efforts related to the analysis of data for incorporation into the design effort. Typical activities the contractor may be tasked to perform include but are not limited to:

6.1 Data usability evaluation/field QA/QC.
6.2 Data reduction and tabulation.
6.3 Comparison of data acquired during design with historic data.
6.4 Data trend evaluation and/or modeling and submission of Technical Memorandum.

TASK 7 TREATABILITY STUDY/PILOT TESTING (TT)

This task includes work efforts related to the conduct of laboratory screening, bench-scale and pilot-scale treatability studies of the selected remedy. Typical activities the contractor may be tasked to perform include but are not limited to:

7.1 Provide test facility and equipment.
7.2 Test and operate equipment.
7.3 Retrieve sample for testing.
7.4 Prepare Technical Memorandum.

7.5 Characterization and disposal of residuals in accordance with Local, State and Federal Regulations.

TASK 8 PRELIMINARY DESIGN

This task includes work efforts related to the preparation of the preliminary design. Specific components the contractor may be tasked to prepare include the following:

8.1 Recommended project delivery strategy and scheduling. Develop technical memorandum summarizing design data gaps at the site and proposing additional field activities to address the data gaps.
8.2 Preliminary construction schedule, including project phasing.
8.3 Specifications outline.
8.4 Preliminary drawings.
8.5 Basis of design report.
8.6 Preliminary cost estimate (+50 percent and -30 percent accuracy) prepared through the use of M-CACES Gold Cost Engineering System for Remedial Action (software is available from the Region) or other software as approved by the EPA Project Officer.
8.7 A detailed statement of how all Applicable or Relevant and Appropriate Requirements (ARARs), Federal and State public health and safety environmental requirements and standards will be met.
8.8 Land Acquisition/Easement Requirements.
8.9 Technical Support to EPA/USFS/USACE in Land Acquisition.
8.10 Conduct and/or assist in Value Engineering screening.

TASK 9 EQUIPMENT/SERVICES/UTILITIES

This task includes efforts necessary to procure long-lead equipment, services, and/or utilities identified during the preliminary design phase.

TASK 10 INTERMEDIATE DESIGN

This includes work efforts related to the preparation of the intermediate design. Specific components the contractor may be tasked to prepare include the following:

10.1 Update construction schedule.
10.2 Preliminary specifications.
10.3 Intermediate drawings.
10.4 Basis of design report.
10.5 Revised cost estimate (+30 percent and -15 percent accuracy) prepared through the use of M-CACES Gold Cost Engineering System for Remedial Action (software is available from the Region) or other software as approved by the EPA Project Officer.
10.6 If required, a revised detailed statement of how all Applicable or Relevant and Appropriate Requirements (ARARs), Federal and State public health and environmental requirements and standards will be met.
10.7 An intermediate design review/briefing for EPA.
10.8 Initiate Value Engineering (VE) study if VE screening identified potential project savings.

TASK 11 PRE-FINAL/FINAL DESIGN

This task includes work efforts related to the preparation of the Pre-final design. Specific components the contractor may be tasked to prepare include the following:

11.1 Subcontract award document.
11.2 Pre-final design specifications.
11.3 Pre-final drawings.
11.4 Basis of design report/design analysis.

11.5 Revised cost estimate (+15 percent and -10 percent accuracy) prepared through the use of M-CACES Gold Cost Engineering System for Remedial Action (software is available from the Region) or other software as approved by the EPA Project Officer.
11.6 A pre-final/final design review/briefing for EPA.
11.7 Biddability (offerability) and constructability reviews.
11.8 Revised Project Delivery Strategy.
11.9 The 100% design submittal shall include the final plans and specifications in reproducible format, final cost estimate and a schedule of the overall Remedial Action.
11.10 Report results of Value Engineering (VE) study and incorporate accepted VE recommendations into final design.

TASK 12 REUSE PLANNING

Assist in the review and evaluation of reuse plans and redevelopment plans submitted to ensure long-term protectiveness of the RD and remedy.

TASK 13 POST REMEDIAL DESIGN SUPPORT

The contractor shall solicit the procurement, evaluate offers received and inform the EPA Contracting Officer of the best qualified/cost effective offer. (Award of the contract will be part of Remedial Action work assignment.) Specific activities the contractor may be asked to perform include but are not limited to the following:

13.1 Prebid (Pre-Solicitation) Activities.
-Duplication and distribution of contract documents.
-Advertising/soliciting of bids.
-Issuing addenda.
-Prebid (pre-solicitation) meetings.
-Resolution of bidder (offeror) inquiries.
-On-site visits.
-Compilation of contract documents.
-Resolicit bids/offers and repackage documents if necessary.
13.2 PreAward Activities.
-Receipt of bids (offers).
-Determination of responsive, responsible bidders (offerors).
-Bid (offer) tabulation.
-Bid (offer) analysis.
-Receipt of follow-up items from lowest responsible bidder (offeror)
-Review of EEO, MBE requirements, SDB subcontracting plans, etc.
-Reference checks.
-Request for consent from EPA.

Before Remedial Action field activities can begin, several site specific plans shall be written to establish procedures to be followed by the contractor in performing field, laboratory and analysis work in addition to community and agency liaison activities. These plans include but are not limited to:

13.3 Site Management Plan.
13.4 Sampling and Analysis Plan.
13.5 Health and Safety Plan.
13.6 Community Relations Plan.

The existing plans developed for the Remedial Design, amended at the direction of EPA WAM, may be used if appropriate.

TASK 14 WORK ASSIGNMENT CLOSE OUT

This task includes efforts related to work assignment close out. Typical activities the contractor may be tasked to perform include but are not limited to:

14.1 Return of documents to EPA or other document repositories.
14.2 File duplication, distribution, and storage.
14.3 File archiving to meet Federal Records Center requirements.
14.4 Use of microfiche, microfilm, or other EPA-approved data storage technology (STORET).
14.5 Prepare a final cost estimate in accordance with Regional guidance or other procedures as specified in the task order.

V. PERIOD OF PERFORMANCE

The period for performance is from workplan approval to December 2007.

VI. PERFORMANCE/ACCEPTANCE CRITERIA

The contractor's deliverables will be reviewed by the government for acceptability. Unacceptable deliverables will be returned to the contractor with comments and directions for necessary corrections or rework which may be applicable.

Cost and Performance

Work defined under this Task Order will be completed within the established Work Plan costs and schedules.

Written material will be reviewed for the following subjective characteristics:

1. The work product submitted will reflect a good grasp and understanding of the technical issues, thorough knowledge of the subject matter and analysis of all the information and data available.

2. All written work products are to consist of high technical quality material based on sound science and good professional judgement.

3. All deliverables should be grammatically well-written with few typographical errors, and the need for revisions held to a minimum.

4. All reviews and activities shall be conducted in accordance with EPA policies and regulations.

Monitoring Technique

EPA will review technical deliverables and monthly invoices for adherence to performance standard requirements.

Contractor Incentive

Contractor's performance will be assessed informally by the TOPO during the execution of the work. A final performance assessment will be developed upon completion and will be used in the National Institute of Health's contractor evaluation system and on the task order performance evaluation.

VI. CONTACTS:

Task Order Project Officer (TOPO): Bill Adams, (206) 553-2806
Project Officer: Elizabeth Pendleton, (206) 553-2586
Contracting Officer: John Phillips (913) 551-7014